

Date: Mon, 2 Aug 93 14:41:14 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #925
To: Info-Hams

Info-Hams Digest Mon, 2 Aug 93 Volume 93 : Issue 925

Today's Topics:

440 band opening Sunday night?
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ARRL Bulletin 081
Bootlegger At ARRL N.E. Convention
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historic question
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Kenwood AT-250 Automatic Antenna Tuner.
OMNI-D series C manual?
Repeater listing for DC Metro?
STILL waiting for license...

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 2 Aug 1993 14:28:06 GMT
From: usc!sol.ctr.columbia.edu!news.kei.com!ub!dsinc!gvls1!rossi@network.ucsd.edu
Subject: 440 band opening Sunday night?
To: info-hams@ucsd.edu

Did anyone else observe the unusual 440 MHz band opening Sunday evening -

around 9 - 9:30 PM EDT Aug 1? I heard several W4 stations from Florida coming through on a few of our local 440 repeaters. Unfortunately I was not in a position to work any of them and only was able to write down one or two callsigns heard.

I have seen some 440 band openings before but from Pennsylvania to Florida!! (?) That is certainly not your typical band opening! I checked UHF TV about an hour later but saw nothing unusual.

Pete Rossi - WA3NNA

rossi@VFL.Paramax.COM

Paramax Systems Corporation - a Unisys Company
Valley Forge Engineering Center - Paoli, Pennsylvania

Date: Sun, 1 Aug 1993 21:41:07 GMT
From: news.cerf.net!pagesat!spssig.spss.com!feenix.metronet.com!
marchbg@network.ucsd.edu
Subject: ARRL Bulletin 080
To: info-hams@ucsd.edu

ZCZC AG22
QST de W1AW
ARRL Bulletin 80 ARLB080

Date: Sun, 1 Aug 1993 21:43:01 GMT
From: news.cerf.net!pagesat!spssig.spss.com!feenix.metronet.com!
marchbg@network.ucsd.edu
Subject: ARRL Bulletin 081
To: info-hams@ucsd.edu

SB QST @ ARL \$ARLB081 ARLB081 Scholarship winners
ZCZC AG23 QST de W1AW ARRL Bulletin 81 ARLB081

Date: 2 Aug 1993 18:52:17 GMT
From: nothing.ucsd.edu!brian@network.ucsd.edu
Subject: Bootlegger At ARRL N.E. Convention
To: info-hams@ucsd.edu

babb@rapnet.sanders.lockheed.com (Scott Babb) writes:
>I understand that Amateur Radio is supposed to be self-policing, and

>I was making an attempt to police our hobby. Should I have expected
>a little help or support from the organization that purports to be
>our representative body?

The hobby is self-policing. That doesn't mean we're policemen.

It means that we encourage people - by good example and by use of peer pressure - to obey the rules.

That does NOT mean we go around playing radio cop.

(Oh, and I can think of a way in which it would have been legal for that woman to be talking on that walkie. Can your insurance handle the enormous award for false arrest for which you might have been liable?)

- Brian

Date: 1 Aug 1993 10:18:45 UTC
From: quack!mrapple@uunet.uu.net
Subject: CWNEWS (was: -.-. .-- -. . .-- ...)
To: info-hams@ucsd.edu

SZAREKW%SI02.DEcnet@v9.hanscom.af.MIL (SI02::SZAREKW) writes:

[monster header deleted]

Sigh. Another weirdo decides to use a 7-bit-per-character channel in a 20-bit-per-character way. Bet this weenie sends - and . over RTTY too. To save bandwidth, his dots and dashes have been transcribed (literally):

>Subject: CW NEWS

>OK EVERY BODY
>LETS FORM OUR OWA
>AEWS GROUP.

He apparently doesn't even practice what he preaches correctly. Maybe he should learn the code before trying to use it.

>ONLY CW WOULD BE
>ALLOUD.

CW != Morse Code. And the word is "allowed".

>WITH REQUIREMENT LIKE

>THAT WEWOULD HAVE NO
>PROBLEMS WITH
>FLAMERS OR CRYBABIES
>.

Or with comprehension. Or readability. Or intelligence.

>WUST AN IDEA.

Yeah. Wust a waste of bandwidth. Next time run it through crypt
and uuencode first and pass the key around with a secret handshake.
Sheesh.

>DEWM1W [SK] I

--

Nick Sayer <mrapple@quack.kfu.com>		
N6QQQ @ N0ARY.#NOCAL.CA.USA.NOAM		"You've all done very well."
+1 408 249 9630, log in as 'guest'		
PGP 2.2 public key via finger		-- Young Mr. Grace

Date: 1 Aug 93 16:33:31 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 27 July
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 208, 07/27/93
10.7 FLUX=103.2 90-AVG=107 SSN=098 BKI=1002 3332 BAI=007
BGND-XRAY=B1.4 FLU1=2.6E+05 FLU10=1.2E+04 PKI=2112 2332 PAI=008
BOU-DEV=007,002,003,013,022,027,021,019 DEV-AVG=014 NT SWF=00:000
XRAY-MAX= C5.9 @ 1552UT XRAY-MIN= B1.3 @ 2359UT XRAY-AVG= B2.9
NEUTN-MAX= +005% @ 0835UT NEUTN-MIN= -001% @ 2355UT NEUTN-AVG= +0.9%
PCA-MAX= +0.2DB @ 2115UT PCA-MIN= -0.5DB @ 1315UT PCA-AVG= +0.0DB
BOUTF-MAX=55378NT @ 1311UT BOUTF-MIN=55340NT @ 1922UT BOUTF-AVG=55364NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+089,+000,+000
GOES6-MAX=P:+159NT@ 1310UT GOES6-MIN=N:-053NT@ 2233UT G6-AVG=+111,-018,-041
FLUXFCST=STD:105,105,110;SESC:105,105,110 BAI/PAI-FCST=015,020,015/020,020,015
KFCST=2333 3344 4445 4333 27DAY-AP=011,021 27DAY-KP=3232 2323 3444 4334
WARNINGS=
ALERTS=**SWEEP:II=2@1547-1602UTC
!!END-DATA!!

NOTE: The Effective Sunspot Number for 26 JUL 93 was 70.0.
The Full Kp Indices for 26 JUL 93 are: 2- 2+ 1- 1o 1+ 2o 1+ 1o

Date: 1 Aug 93 17:35:44 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 28 July
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 209, 07/28/93
10.7 FLUX=101.5 90-AVG=107 SSN=072 BKI=2221 1112 BAI=005
BGND-XRAY=B1.2 FLU1=4.7E+05 FLU10=1.2E+04 PKI=2221 1122 PAI=005
BOU-DEV=011,011,015,005,008,006,007,011 DEV-AVG=009 NT SWF=00:000
XRAY-MAX= B2.9 @ 1230UT XRAY-MIN= B1.1 @ 2045UT XRAY-AVG= B1.4
NEUTN-MAX= +001% @ 1640UT NEUTN-MIN= -003% @ 1335UT NEUTN-AVG= -0.4%
PCA-MAX= +0.2DB @ 1430UT PCA-MIN= -0.1DB @ 2355UT PCA-AVG= +0.0DB
BOUTF-MAX=55372NT @ 2359UT BOUTF-MIN=55347NT @ 1810UT BOUTF-AVG=55363NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+078,+000,+000
GOES6-MAX=P:+132NT@ 1624UT GOES6-MIN=N:-061NT@ 2354UT G6-AVG=+097,-017,-041
FLUXFCST=STD:105,110,110;SESC:105,110,110 BAI/PAI-FCST=020,015,010/020,015,010
KFCST=4445 4333 3444 3332 27DAY-AP=021,025 27DAY-KP=3444 4334 5333 4345
WARNINGS=
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 27 JUL 93 was 72.0.
The Full Kp Indices for 27 JUL 93 are: 2o 1o 1- 2o 2+ 3- 3+ 2o

Date: 1 Aug 93 18:51:59 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 29 July
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 210, 07/29/93
10.7 FLUX=100.4 90-AVG=107 SSN=072 BKI=2123 3443 BAI=014
BGND-XRAY=B1.3 FLU1=9.5E+04 FLU10=1.1E+04 PKI=2123 3343 PAI=013
BOU-DEV=011,006,014,022,037,042,052,021 DEV-AVG=025 NT SWF=00:000
XRAY-MAX= B2.8 @ 0103UT XRAY-MIN= B1.1 @ 1822UT XRAY-AVG= B1.5
NEUTN-MAX= +002% @ 1440UT NEUTN-MIN= -003% @ 2025UT NEUTN-AVG= -0.2%
PCA-MAX= +0.1DB @ 1505UT PCA-MIN= -0.3DB @ 2325UT PCA-AVG= -0.0DB
BOUTF-MAX=55381NT @ 2252UT BOUTF-MIN=55327NT @ 1944UT BOUTF-AVG=55362NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+071,+000,+000
GOES6-MAX=P:+138NT@ 1528UT GOES6-MIN=N:-074NT@ 2332UT G6-AVG=+095,-018,-043
FLUXFCST=STD:100,100,100;SESC:100,100,100 BAI/PAI-FCST=015,010,010/015,010,010
KFCST=3344 1111 1122 1111 27DAY-AP=025,020 27DAY-KP=5333 4345 5442 3223
WARNINGS=
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 28 JUL 93 was 74.1.
The Full Kp Indices for 28 JUL 93 are: 2+ 2- 2o 1o 1o 1+ 2- 2o

Date: 1 Aug 1993 03:43:58 GMT
From: nothing.ucsd.edu!brian@network.ucsd.edu
Subject: Emergency Power Off
To: info-hams@ucsd.edu

jerry@key.amdahl.com (Jerry Pendleton) writes:
>I am rewiring my shack and I would like to put some EPO ("big red button")
>switch in strategic locations.

This is often done with a 'shunt trip' circuit breaker. That is a breaker that has an auxiliary coil that when energized, causes the breaker to trip out just as though it had sensed overcurrent.

You can activate the coil with just about any kind of switch contact: in one lab, there was an EPO switch by the door, and several more around the room, and the water and fire alarms were wired up too. That way, if a pipe broke, or the fire alarm was tripped, or if you needed to help someone who'd gotten across the mains, the power to everything except the lights and alarms could be killed easily.

Dunno how easy it would be to find a shunt-trip breaker for the typical household breaker panel, but you could probably get a separate subpanel and put it in there. I suspect you'd have to go to a professional electrical supply house to get one, though - they're not carried at the Home Depot down the street from me.

- Brian

Date: Tue, 27 Jul 1993 06:21:27 +0000
From: news!demon!llondel.demon.co.uk!dave@uunet.uu.net
Subject: Fixing the books
To: info-hams@ucsd.edu

In article <9307262224.AA14296@netmail.microsoft.com> a-kevinp@microsoft.COM (Kevin Purcell, Rho) writes:

> Why did the directors recently increase the requirements for
> eligibility to become a Director? They now require a candidate to be a
> member of the ARRL continuously for 4 years at the point of nomination.
> Note: to be a full member of the ARRL you have to be a licensed amateur.
>
> This means that no recent amateur (for example, a Technician) cannot
> stand to against a current director until 1994 at the earliest and in

> my case until mid 1996.

>

RSGB require you to be a member for three years before you can get elected to Council, and have done for several years now. Having said that, you don't have to be licenced to be a full member.

Dave

```
*****
* G4WRW @ GB7WRW.#41.GBR.EU AX25      *   You think *you* have problems?   *
* dave@llondel.demon.co.uk  Internet *   What do you do if you *are*      *
* g4wrw@g4wrw.ampr.org      Amprnet  *   a manically depressed robot??   *
*****
```

Date: 2 Aug 1993 15:32:42 GMT

From: olivea!ncd.com!newshost.ncd.com!hansen!phil@uunet.uu.net

Subject: HELP, PC RADIATES ...QRM

To: info-hams@ucsd.edu

In article <930801.223119.5n2.rusnews.w165w@garlic.sbs.com>, system@garlic.sbs.com (Tony Pelliccio) writes:

|> dihi@bsdihl.atr.bso.nl (Dick Hissink) writes:

|>

|> > The combination of the PC and the radio equipment opens new doors of
|> > possibilities... But what happens as soon as I switch on my PC? I get
|> > a hell of a lot of QRM on almost every band!

... Stuff deleted

This is a common problem, but it can be delt with with some time, energy, ferrite material, copper tape....

I wrote a chapter for the new ARRL RFI book... If you can get this book you should. There is alot of information on how to reduce noise to/from all types of sources (power lines, phones, computers, etc.)

This book will help you reduce the noise to your radios!

DE KJ6NN

Phil

Date: Wed, 28 Jul 93 21:13:00 CDT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!bloom-beacon.mit.edu!

mccrcim.mcgill.edu!sifon!newsflash.concordia.ca!mizar.cc.umanitoba.ca!bison!

sys6626!inqmind!bills@network.ucsd.edu
Subject: historic question
To: info-hams@ucsd.edu

dnewkirk@arrl.org (Dave Newkirk) writes:

> In rec.radio.amateur.misc, dadams@cray.com (David Adams) writes:
>
> >In browsing through the July issue of QST I notice (p. 101 under 75 years ag
> >
> >"July 1918 -- QST, like US Amateur Radio itself, remains shut down for the
> >duration oof World War I."
> >
> >Why was Amateur Radio shut down in WWI? Fear of Espionage? Why was it
> >not shut down in other wars?
>
> Hello--I write the 75/50/25 Years Ago column in *QST*, so that
> little bit of deathless prose (such as it is) is mine.
>
< interesting history deleted >
> David Newkirk, Senior Asst Tech Editor | voice: 203-666-1541 X280
> American Radio Relay League | fax: 203-665-7531
> 225 Main St, Newington CT 06111 USA | net: dnewkirk@arrl.org

Umm, being pedantic here, but wasn't July 1918 pretty close to the end of
WWI ? The shooting started in 1914, of course, and the US got involved
in 1917 - so at what point did the edict go out to go off the air ?
Bill

bills@inqmind.bison.mb.ca
The Inquiring Mind BBS, Winnipeg, Manitoba 204 488-1607

Date: Thu, 29 Jul 1993 16:06:36 GMT
From: pravda.sdsc.edu!news.cerf.net!usc!sdd.hp.com!hpscit.sc.hp.com!hplextra!
hpcc05!hpbbn!hpbbird!uweb@network.ucsd.edu
Subject: IC-735 AGC pumping
To: info-hams@ucsd.edu

Randy (randy@cyphyn.UUCP) wrote:
: hideg@spdsd10b.erim.org ([Steve Hideg]) writes:
:
: The 250 Hz filter would help some, but more towards cutting out other
: noises along side the desired station...but tuning gets a bit touchy.
:

: --

The 250 Hz filter I am using does a great job. It is not too narrow to make copying high speed code (30-50 wpm) difficult, but it reduces qrm quite a bit. I always have to wonder when the other om talks about qrm what he is talking about until I go to a higher bandwidth. Tuning is no problem at all.

Uwe, DF3DU

--

NAME Uwe Behle, HP Boeblingen Instruments Division
EMAIL uweb@hpbbn.bbn.hp.com (internet)\
df3du@db0sao.ampr.org (packet radio)
SNAIL Hewlett-Packard GmbH, BID R&D, Herrenberger Str. 130,\
D-71034 Boeblingen, Germany
PHONE 011-49-7031-142016 (work)

Date: 2 Aug 93 11:20:44 EST
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!bgsuvax!uoft02.utoledo.edu!tulip!mohan@network.ucsd.edu
Subject: Kenwood AT-250 Automatic Antenna Tuner.
To: info-hams@ucsd.edu

Hello,

I have got a Kenwood AT-250 Automatic Antenna Tuner, and want to use it with a Kenwood TS-520S transceiver.

I dont have the instruction manual for the antenna tuner and need help to use it correctly. Actually I tried to tune up my ts-520s yesterday and somehow manages to increase the swr to more than 3:1.

I now have dipoles for the 40m, 20m, 15m and 10m and eagerly waiting for license.

Thanks for any info you give me.

--mohan

=====
+ Mohanakrishna Pakkurti + mohan@jupiter.cse.utoledo.edu +
+ HOME: 2239 University Hills Blvd #204, Toledo OH 43606. Phone:(419)536-9073 +
=====

Date: 2 Aug 93 19:24:35 GMT

From: sdd.hp.com!nigel.msen.com!yale.edu!spool.mu.edu!bloom-beacon.mit.edu!usc!
elroy.jpl.nasa.gov!news.claremont.edu!ucivax!gateway@network.ucsd.edu
Subject: OMNI-D series C manual?
To: info-hams@ucsd.edu

Anyone have an OMNI C (546C) manual out there?

Someone sold me one, but had no manual. He called Ten Tec and asked them to send me one. Well, I got the OMNI D manual, and alignment will not be the same, since the OMNI C had WARD, and the variable caps and inductors are going to have a different pattern. Yuck.

SO....anyone know about aligning the OMNI C? Anyone have a manual? I will get another from Ten Tec if I cannot get a response here, but I would like to get it soon, if possible.

Thanks,

Clark

.....

Clark Savage Turner, Graduate Student Researcher
Safety Critical Software Group home:
Department of Info. and Computer Science 1514 Verano Place
Irvine, CA. 92717 Irvine, CA. 92715
(714) 856 4049 (714) 856 2131

WA3JPG, QRP #3526, active on HF, VHF and UHF.
WB6KGN, UCI ARC

Date: 31 Jul 93 13:01:16 GMT
From: digex.com!digex.net!not-for-mail@uunet.uu.net
Subject: Repeater listing for DC Metro?
To: info-hams@ucsd.edu

bierbach@gusun.acc.georgetown.edu (Jeremy Bierbach) writes:
>I recently dusted off my 2m HT after about 3 or 4 years of disuse. To my horror
>I found that none of the repeaters listed for the District of Columbia in my
>1987 Repeater Directory seem to be up any longer. Could someone please
>mail/post a listing of 2 meter repeaters in the DC area?

You're kidding, right? There must be 20 repeaters you could access from one place or another in and around D.C. and none works? I think your radio is broken.

Just in case your radio does work, here is a brief list:

145.29 K3YGG NIH, Bethesda MD
145.45 KC3NG Rockville MD
146.61 KD3VR Cheverly MD (on the east side of town)
146.76 WA3DZD Jessup MD transmitter, receiver in NW DC
146.91 W4XG Tyson's Corner VA, receiver in Crystal City (across river)
147.18 KA3LAO Silver Spring MD, receiver in NW DC
147.21 WD4IWG Tyson's Corner VA, receiver in NW DC
147.36 N3AGB Washington DC (if you can understand the audio it puts out)

This should get you started.

--

bote@access.digex.net (John Boteler)
WARNING: You are subject to pre-emption!

Date: 29 Jul 1993 18:09:35 -0700
From: techbook.com!techbook.com!not-for-mail@uunet.uu.net
Subject: STILL waiting for license...
To: info-hams@ucsd.edu

James P. Ley (LEY@UWSTOUT.EDU) wrote:
: Let's put this thread about VEC's taking too long into the proper perspective.
: The last time we gave exams it took 10 calendar, not working, days from the
: day of the exam until the ARRL, in this case, sent the materials to the FCC.

Well, that's 100% (approx) better than my experience, and judging from
others' posts, their experiences as well. Good job!

: That included mailing time and a weekend. The VEC's, for better or worse, only
: account for a small fraction (20% ?) of the time from the day of the exam
: until the arrival of the license.

The local W5YI VE group assures me that their first time applicants, (Tech,
Novice) come back in 6 weeks. Can you, as a W5YI VE, comment on this?

: Pick on someone else.

Like who? Would you "pick on" the police if the fire department was slow?

: Jim Ley, NX9F
: ARRL and W5YI VE

Personally, I have expressed my thanks the local guys. Test was on
a Saturday. Paperwork went out overnight mail on Monday.

Well done!

10 weeks and still waiting...

--

Those who beat their swords into plowshares
are destined to plow for those who don't.
genew@techbook.COM

Please direct flames to: genew@ucant.gethere.firmhere

Date: Mon, 2 Aug 1993 02:45:56 GMT
From: [pravda.sdsc.edu!news.cerf.net!usc!sdd.hp.com!hpscit.sc.hp.com!](mailto:pravda.sdsc.edu!news.cerf.net!usc!sdd.hp.com!hpscit.sc.hp.com!hpuerca.atl.hp.com!der@network.ucsd.edu)
hpuerca.atl.hp.com!der@network.ucsd.edu
To: info-hams@ucsd.edu

References <CADv63.8rF@srngenprp.sr.hp.com>,
<1993Jul19.104100.16650@anomaly.sbs.com>, <29651@ksr.com>
Subject : Re: QST CD-ROM

In <29651@ksr.com> jfw@ksr.com (John F. Woods) writes:

>kd1hz@anomaly.sbs.com (Rev. Michael P. Deignan) writes:
>>alanb@sr.hp.com (Alan Bloom) writes:
>>>Buckmaster Publishing has every issue of QST back to 1914 on microfiche.
>>>They advertise in QST. I forget the price, but it's not cheap.
>>\$490. Useless unless you have a fichereader, or are blind.

What is the deal with this? As I recall, this was quite a bit cheaper
when it first became available - then it went up drastically in price
to the current \$490 (which eliminated me as a potential customer).

What would be really nice would be to get the last 10-20 years or so
on fiche for a reasonable price - the paper versions would most likely
hit the round file at that point.

-- Dave Ritchie N4DJS
der@hpuerca.atl.hp.com
~

Date: (null)
From: (null)

--

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End of Info-Hams Digest V93 #925
